

DMR Copy of Record

Permit

Permit #:

MA0004936

Major:

Yes

Permitted Feature:

001
External Outfall

Permittee:

PATRIOT BEVERAGES, LLC

Permittee Address:

C/O CPF, INC. 25 COPELAND DR.
AYER, MA 01432

Discharge:

001-A
PROCESS WATER

Facility:

PATRIOT BEVERAGES LLC

Facility Location:

20 HAVARD ROAD
LITTLETON, MA 01460

Report Dates & Status

Monitoring Period:

From 12/01/22 to 12/31/22

DMR Due Date:

01/15/23

Status:

NetDMR Validated

Considerations for Form Completion

REPORT MAXIMUM + TOTAL FLOW RATES FOR EACH OPERATING DAY. **

Principal Executive Officer

First Name:

JAMES

Last Name:

DRAPEAU

Title:

DATA ADMIN

Telephone:

978-339-5905

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration								# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample										=	75.0	15 - deg F	0	01/07 - Weekly	GR - GRAB	
					Permit Req.										<=	83.0 DAILY MX	15 - deg F			GR - GRAB	
					Value NODI																
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	7.22					19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.						>=	7.0 MINIMUM					19 - mg/L			GR - GRAB	
					Value NODI																
X 00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample								=	103.0	=	194.0	19 - mg/L	1	01/07 - Weekly	24 - COMP24	
					Permit Req.								<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L			24 - COMP24	
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.4			=	8.2	12 - SU	0	01/01 - Daily	GR - GRAB	
					Permit Req.						>=	6.5 MINIMUM			<=	8.3 MAXIMUM	12 - SU			GR - GRAB	
					Value NODI																
X 00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	19.0	=	36.0	19 - mg/L	3	01/07 - Weekly	24 - COMP24	
					Permit Req.								<=	10.0 MO AVG	<=	20.0 DAILY MX	19 - mg/L			24 - COMP24	
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample												19 - mg/L		01/30 - Monthly	GR - GRAB	
					Permit Req.										<=	15.0 DAILY MX	19 - mg/L				
					Value NODI											9 - Conditional Monitoring - Not Required This Period					
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	<	0.1	<	0.1	26 - lb/d			<	0.1	<	0.1	19 - mg/L	0	01/30 - Monthly	24 - COMP24	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	26 - lb/d				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L			24 - COMP24	
					Value NODI																
X 00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=	0.69	=	1.18	26 - lb/d	=	0.25			=	0.41	19 - mg/L	4	01/07 - Weekly	24 - COMP24	
					Permit Req.	<=	0.46 MO AVG	<=	1.25 DAILY MX	26 - lb/d		Req Mon MO AVG				Req Mon DAILY MX	19 - mg/L			24 - COMP24	
					Value NODI																
01104	Aluminum, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.033			=	0.033	19 - mg/L	0	01/30 - Monthly	24 - COMP24	
					Permit Req.						<=	0.1 MO AVG				Req Mon DAILY MX	19 - mg/L			24 - COMP24	
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.315	=	0.422	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)	
					Permit Req.	<=	0.55 MO AVG	<=	0.75 DAILY MX	03 - MGD										RC - Recorder (auto)	

					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample					=	0.0			=	0.0	28 - ug/L		01/07 - Weekly	GR - GRAB
					Permit Req.					<=	12.0 MO AVG			<=	21.0 DAILY MX	28 - ug/L	0	01/07 - Weekly	GR - GRAB
					Value NODI														

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00665	Phosphorus, total [as P]	1 - Effluent Gross	Quantity or Loading Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00530	Solids, total suspended	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

The Treatment Plant had a major upset around Sunday, the 18th of December. In consultation with Veolia Water Technologies engineers, Staff made several changes to the process to correct the problem over the next several days, including reducing flow to the digester, Shipping 477,000gls influent to the Lowell WWTP, and replacing the media in the final sand filters. As of this date the treatment process numbers are back to normal.

Attachments

Name	Type	Size
SignedDEPpg1DEC2022.pdf	pdf	578121.0
SignedProcesscvrltrDEC2022.pdf	pdf	275253.0
OffsiteBeverageWasteReceivedDEC2022.xlsx	xlsx	56306.0

Report Last Saved By

PATRIOT BEVERAGES, LLC

User: jdrapeau@cpf-nehf.com

Name: James Drapeau

E-Mail: jdrapeau@cpf-nehf.com

Date/Time: 2023-01-12 10:07 (Time Zone: -05:00)

Report Last Signed By

User: jdrapeau@cpf-nehf.com

Name: James Drapeau

E-Mail: jdrapeau@cpf-nehf.com

Date/Time: 2023-01-12 10:07 (Time Zone: -05:00)